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C. FITZHUGH TALMAN, Librarian.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers or other communications bearing on meteorology or cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled; it shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau. Unsigned articles are indicated by a —

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AN ANNOTATED BIBLIOGRAPHY OF EVAPORATION.¹

By MRS. GRACE J. LIVINGSTON. Dated Washington, D. C., January 8, 1908.

INTRODUCTION.

The aim of the bibliographer has been not merely to give a list of the titles of publications bearing on or referring to the subject of evaporation, but to set before the reader a sufficiently full summary of each reference, so far as it has been accessible, so that the actual work need not be consulted except in cases where the fullest information is required. Articles bearing on the subject from the point of view of the meteorologist, the agriculturist, the irrigation and hydraulic engineer, have been included wherever found. Hygrometry, however, has been regarded as a distinct subject and only articles which deal with the subject in a general way, or which relate it in any way to the measurement of evaporation have been included. Evaporation from plants, or transpiration, has not been specifically included, as that subject has been so thoroly reviewed by Burgerstein, *Transpiration der Pflanzen*. The subject thus restricted has been interesting, mainly

¹This bibliography is published at the urgent request of many investigators who have examined the manuscript. It has not been practicable to verify all the formulas and references nor to insert any illustrative figures.—C. A.